



LIBRARIES

Owning the Discovery UI Over the Long-Term

Open Source Discovery at the Indiana University Libraries

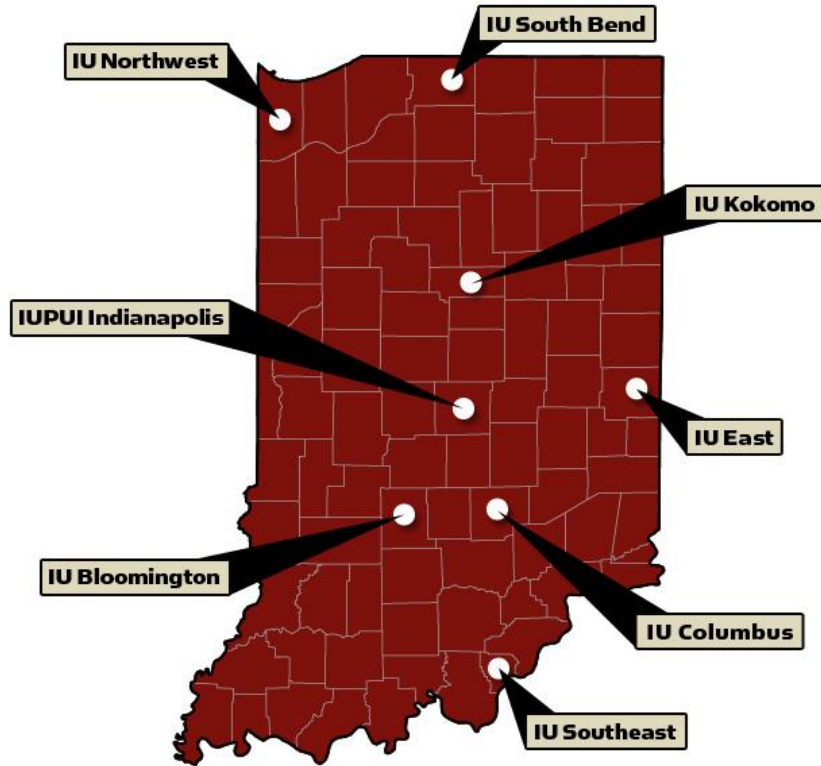
Robert H. McDonald – Associate Dean for Research & Technology Strategies
@mcdonald

INDIANA UNIVERSITY BLOOMINGTON

SECTION 1

History of Open Discovery at IU

Indiana University Campuses

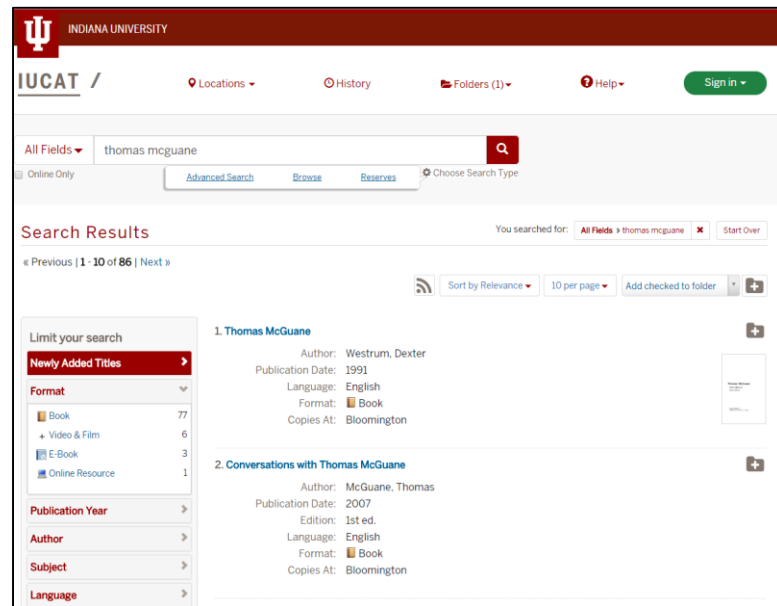


- 8 Campuses across state
- 114,160 students
- 8,000 academic staff
- ALF – offsite storage
- Direct Lending



Goals in Moving to Open Discovery @IU

- Better Faceted Search for Known Items
- Support for Campus-Based Discovery Interface
 - 8 IU campuses all with EDS and Curriculum Builder
- Align campus based delivery options – ALF (GFA), Symphony, Request Delivery
- Own UI for discovery/enable use with a variety of restful API services

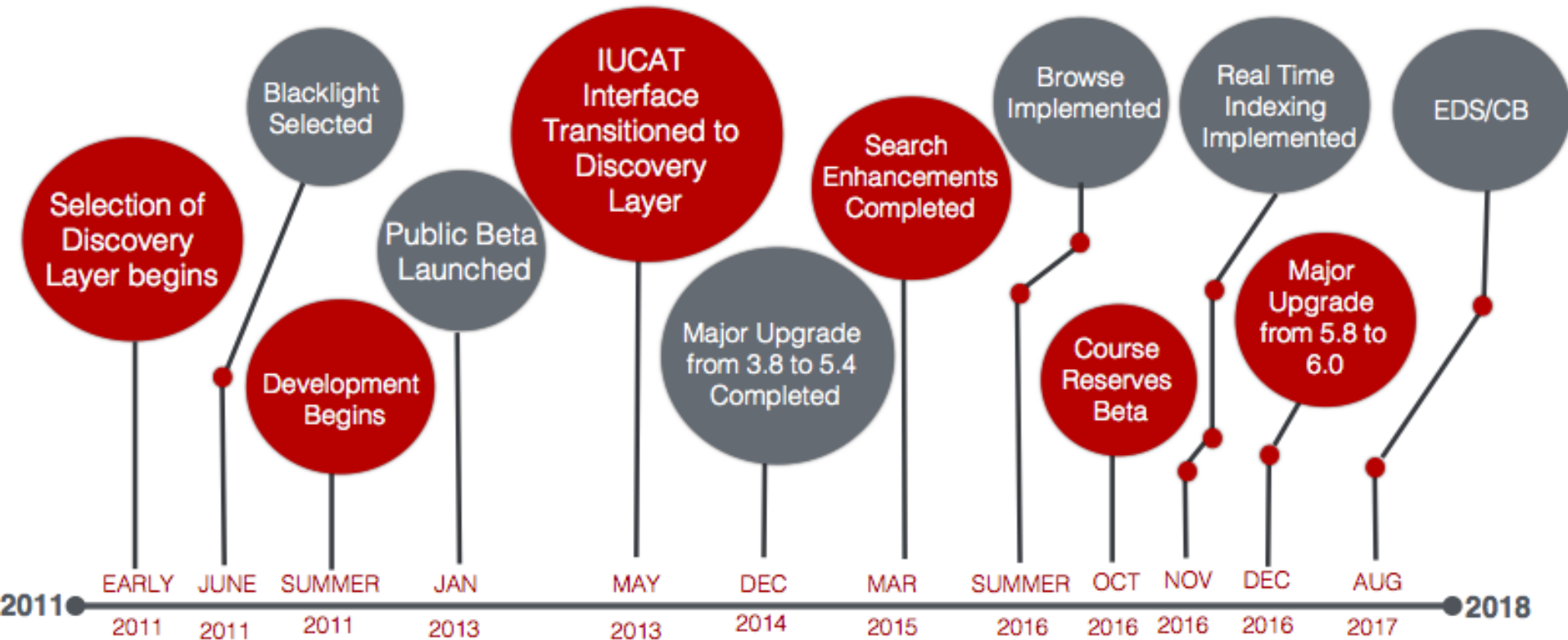


<https://iucat.iu.edu>



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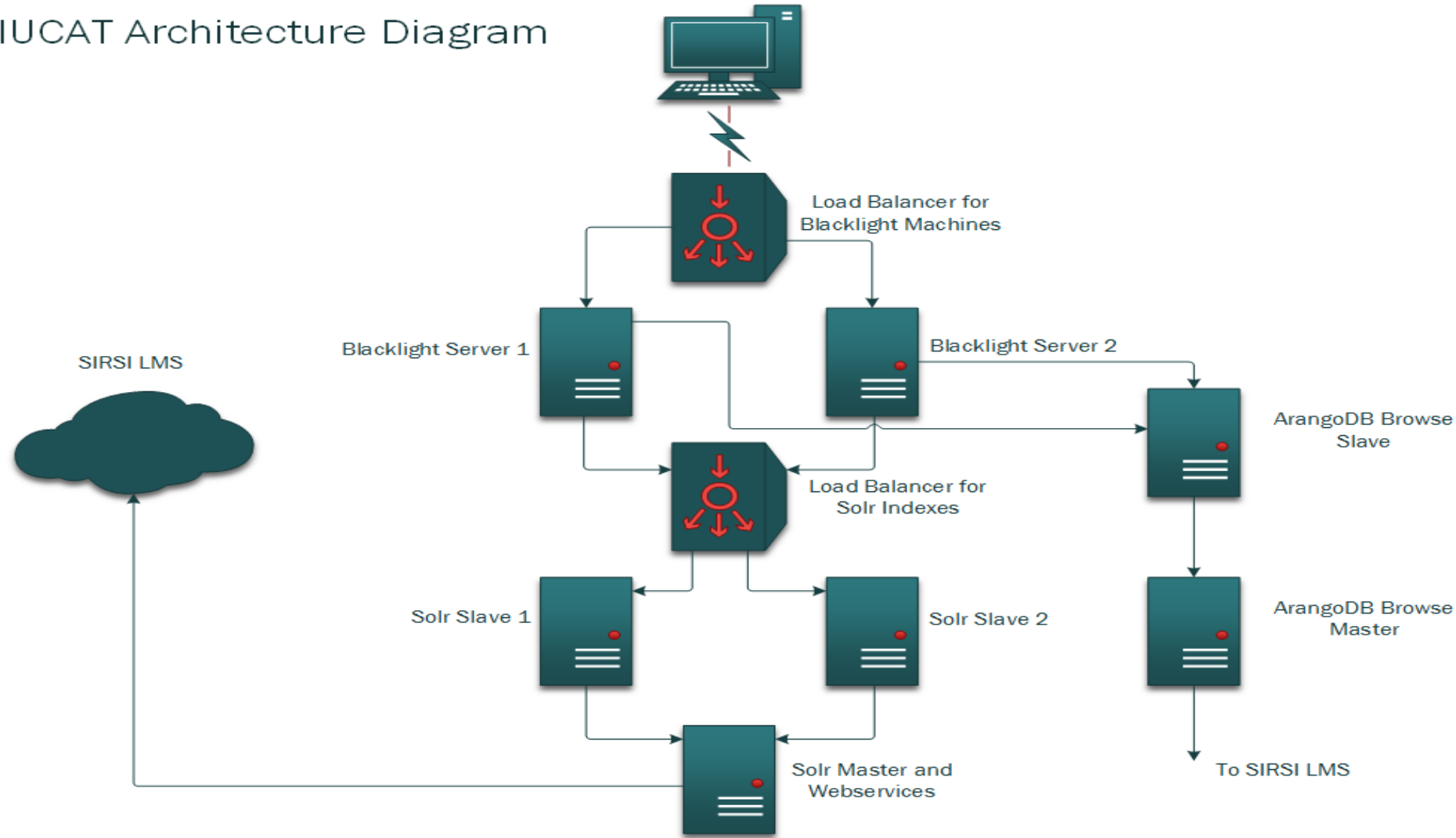
Open Discovery at IU with Blacklight



SECTION 2

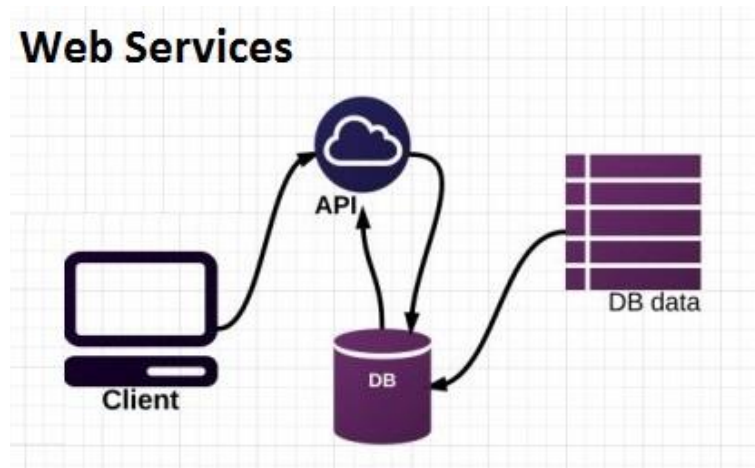
Current Open Discovery Layer Architecture

IUCAT Architecture Diagram

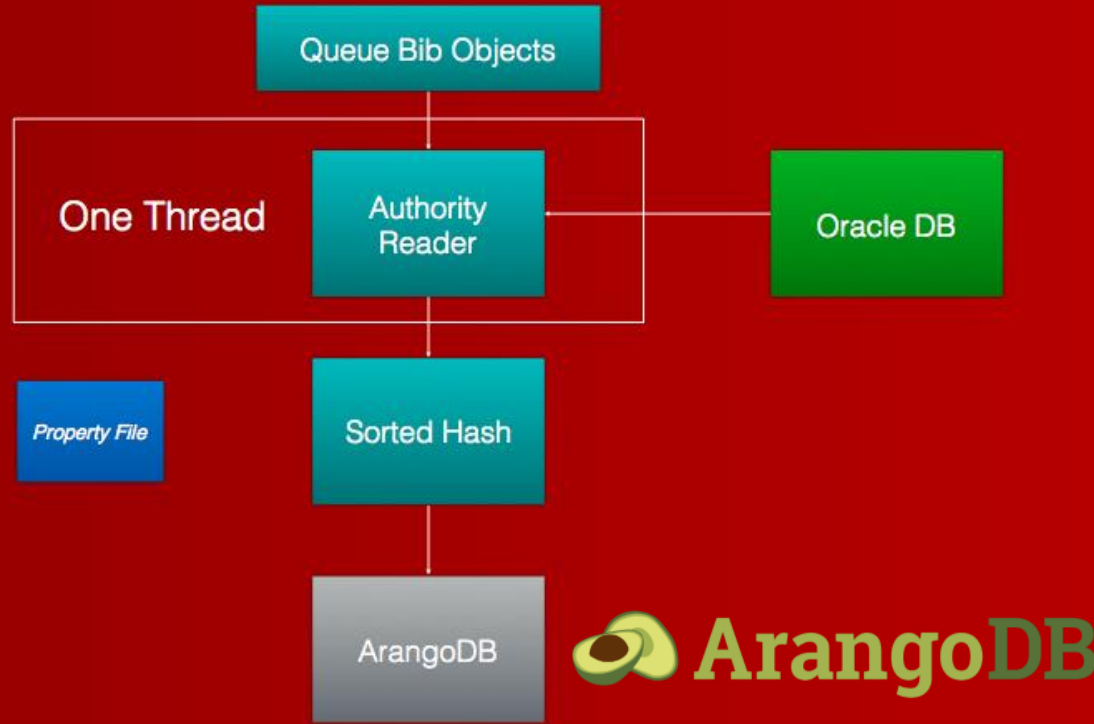


IUCAT Restful Web Services

- Bibdisplay Web Service
- My Account Web Service
- Sirsi Web Service
- IUCAT Browse Indexing Service

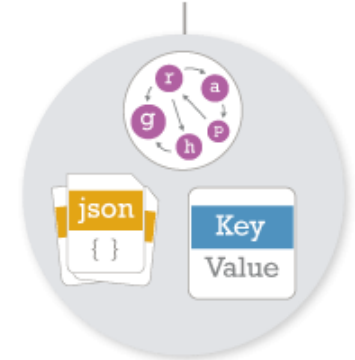


IUCAT Browse Indexing w/Arango DB



Multi-Model Database

- Document
- Graph
- Key-value

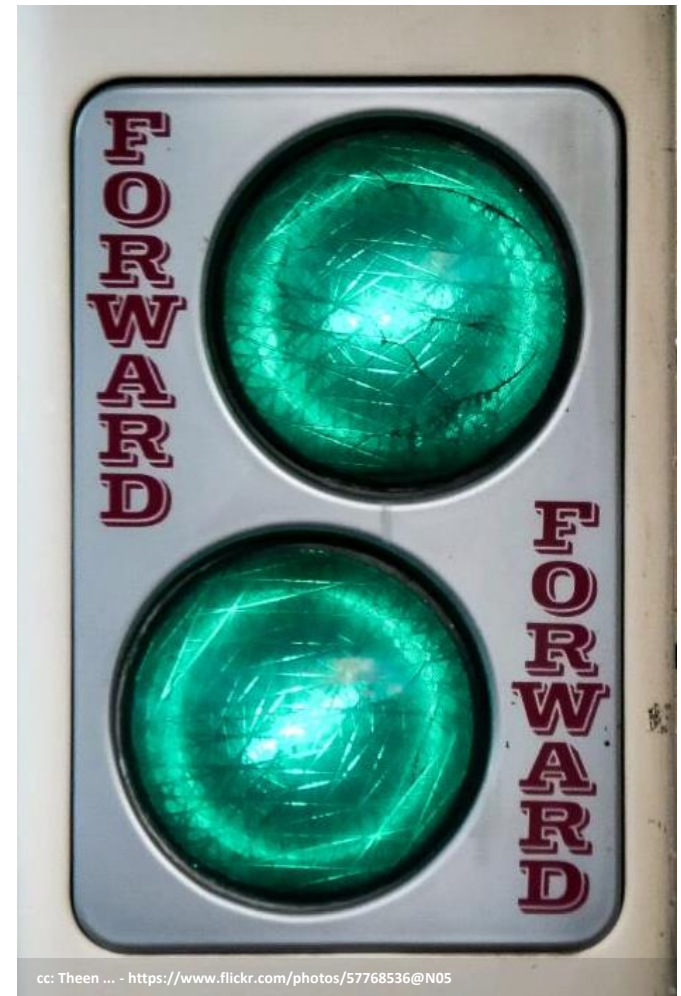


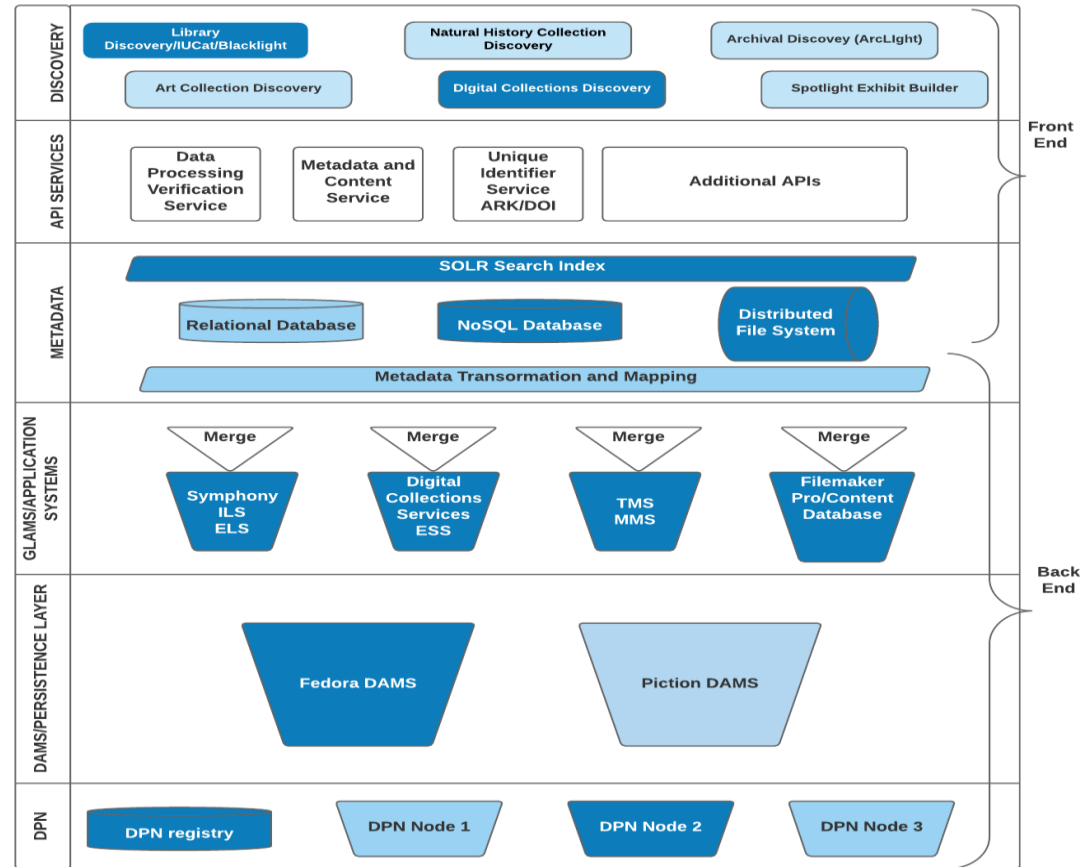
SECTION 3

Future of Open Discovery: IT for Collections

IT for Collections

- Bring together Discovery across IU
- Will require thinking about many different registry and metadata mgmt systems (GLAMs)
- Includes owned, leased, digital surrogates





Questions



cc: Saffu - https://unsplash.com/@saffu?utm_source=haikudeck&utm_medium=referral&utm_campaign=api-credit

